

PATENT
Docket No.: ST02017C2(141-US-C2)
10/816,054

AMENDMENTS

TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A generic SATPS receiver adapted to be programmed for use in selected ones of a plurality of SATPS applications, comprising:

a plurality of SATPS input paths; and

a plurality of possible outputs that include in-phase output, quadrature-phase output, and Intermediate Frequency (IF) output, wherein at least one of the plurality of possible outputs is activated based on requirements of a particular SATPS application dependent upon an operating environment in which the particular SATPS application operates.

2. (currently amended) The generic SATPS receiver of Claim 1, wherein the particular generic SATPS receiver application is selected from at least one of the group ~~comprising~~ consisting of a wireless communicator application, a laptop computer application, a location services application, a cellular telephone application, and a vehicle navigation application.

3. (original) The generic SATPS receiver of Claim 1, wherein selected ones of the plurality of possible outputs are activated via software.

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4. (original) The generic SATPS receiver of Claim 1, wherein selected ones of the plurality of the possible outputs are activated via hardware.
5. (original) The generic SATPS receiver of Claim 1, wherein selected ones of the plurality of the possible outputs are activated via firmware.
6. (original) The generic SATPS receiver of Claim 1, wherein the generic SATPS receiver is configurable for use with a Global Positioning System (GPS) satellite network.
7. (currently amended) A generic SATPS receiver adapted to be configured for use in any of a plurality of particular SATPS receiver applications dependent upon an operating environment in which a particular SATPS application operates, wherein the generic SATPS receiver includes a plurality of input paths and a plurality of possible outputs that include in-phase output, quadrature-phase output, and Intermediate Frequency (IF) output, wherein the input paths and outputs are enabled based on requirements of [[a]]the particular SATPS receiver application.
8. (original) A generic SATPS receiver according to Claim 7, wherein the generic SATPS receiver includes a plurality of input paths and a plurality of possible outputs that are enabled based on a particular receiver application.
9. (original) The generic SATPS receiver of Claim 7, comprising:

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a radio frequency (RF) unit that generates RF outputs based on the plurality of inputs;
and

a baseband unit that extracts data from selected ones of the RF outputs and other inputs,
wherein the baseband unit generates desired outputs utilized by the particular receiver
application, and the desired outputs are selected from the plurality of possible outputs.

10. (original) The generic SATPS receiver of Claim 7, wherein the baseband unit
extracts data from selected ones of the RF outputs and other inputs.

11. (currently amended) The generic SATPS receiver of Claim 7, wherein the
particular SATPS receiver application is selected from at least one of the group
~~comprising~~consisting of a wireless communicator application, a laptop computer application, a
location services application, a cellular telephone application, and a vehicle navigation
application.

12. (original) The generic SATPS receiver of Claim 7, wherein selected ones of the
plurality of the possible outputs are activated via software.

13. (original) The generic SATPS receiver of Claim 7, wherein selected ones of the
plurality of the possible outputs are activated via hardware.

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14. (original) The generic SATPS receiver of Claim 7, wherein selected ones of the plurality of the possible outputs are activated via firmware.

15. (original) The generic SATPS receiver of Claim 7, wherein the generic SATPS receiver is configurable for use with a Global Positioning System (GPS) satellite network.

16. (currently amended) A generic SATPS receiver, comprising:

an input path for SATPS satellite signals;

at least one input path other than the input path for SATPS satellite signals;

an output path for outputting position;

an additional plurality of outputs that include in-phase output, quadrature-phase output, and Intermediate Frequency (IF) output dependent upon [[the]]an operating environment in which a particular SATPS application operates, and

at least one additional output path, wherein signals on the at least one additional output path being returned to the input paths, and wherein a specific configuration of input paths and output paths used by a given SATPS receiver is selected based on testing of the input paths and the output paths.

17. (original) The generic SATPS receiver of Claim 16, wherein the testing of the input paths and the output paths identifies ones of the input paths and ones of the output paths that are inoperable.

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18. (original) The generic SATPS receiver of claim 17, wherein the given SATPS receiver is removed from consideration for use in a particular application when one of the input paths or output paths that is inoperable is one of the input paths or output paths that is needed for the particular application.

19. (original) The generic SATPS receiver of Claim 16, wherein the generic SATPS receiver is configurable for use with a Global Positioning System (GPS) satellite network.